

7. (Amended) The measuring device as claimed in claim 1, characterized in that it

*A1  
cond*  
includes a cooling system for cooling the injector (2), the first measuring chamber (8), the piston (38) and the piston displacement sensor (46).

11. (Amended) The measuring method as claimed in claim 9, characterized in that it

*A2*  
consists, when draining the second chamber, in performing this draining until a reference pressure is established in that chamber.

REMARKS

Claims 1 - 11 are pending. By this Preliminary Amendment, claims 3-7 and 11 are amended to remove multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. 1.121(c)(1)(ii)).

Respectfully submitted,



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Attachment:  
Appendix

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## APPENDIX

## Changes to Claims:

The following are marked-up versions of the amended claims:

3. (Amended) The measuring device as claimed in ~~of~~ claim 1 or 2, characterized in that the means of draining the first measuring chamber (8) comprise a back-pressure regulator (34).

4. (Amended) The measuring device as claimed in ~~one of claims 1 to 3~~ claim 1, characterized in that the means of draining the second measuring chamber (20) comprise a back-pressure regulator (54) intended to keep the pressure in the second chamber at a reference value.

5. (Amended) The measuring device as claimed in ~~one of claims 1 to 4~~ claim 1, characterized in that the piston (38) is preloaded by a spring (44) urging it toward the second measuring chamber (20).

6. (Amended) The measuring device as claimed in ~~one of claims 1 to 5~~ claim 1, characterized in that the piston (38) moves in a smooth-walled cylinder (36) and in that it comprises an annular groove (56) open toward the wall of the cylinder (36).

7. (Amended) The measuring device as claimed in ~~one of claims 1 to 6~~ claim 1, characterized in that it includes a cooling system for cooling the injector (2), the first measuring chamber (8), the piston (38) and the piston displacement sensor (46).

11. (Amended) The measuring method as claimed in claim 9 or 10, characterized in that it consists, when draining the second chamber, in performing this draining until a reference pressure is established in that chamber.